

Recombinant Anti-CD235a Rabbit mAb

Catalog # AP95093

Product Information

Application	WB, IHC, FC
Primary Accession	P02724
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	16430

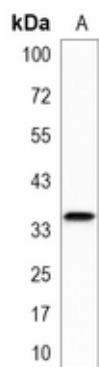
Additional Information

Gene ID	2993
Other Names	GPA; Glycophorin-A; MN sialoglycoprotein; PAS-2; Sialoglycoprotein alpha; CD235a
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human CD235a protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~1:10~50
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	GYPA (HGNC:4702)
Function	Component of the ankyrin-1 complex, a multiprotein complex involved in the stability and shape of the erythrocyte membrane (PubMed: 35835865). Glycophorin A is the major intrinsic membrane protein of the erythrocyte. The N-terminal glycosylated segment, which lies outside the erythrocyte membrane, has MN blood group receptors. Appears to be important for the function of SLC4A1 and is required for high activity of SLC4A1. May be involved in translocation of SLC4A1 to the plasma membrane.
Cellular Location	Cell membrane; Single-pass type I membrane protein Note=Appears to be colocalized with SLC4A1

Images



Western blot analysis of CD235a expression in human fetal liver (A) whole cell lysates. (Predicted band size: 16 kD; Observed band size: 38 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.